Evaporation and Energy

Data and Observation Sheet

1. Evaporation and Energy Activity:

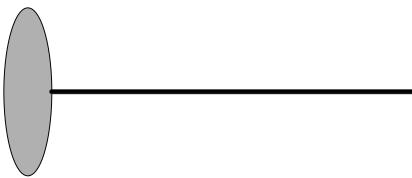
Temperature	
Before swipe	After swipe

THINK - PAIR - SHARE

Based on your observations, did the thermometer take in or give off energy? How do you know? What was the role of evaporation in the changes you observed?

My name: Partner's name:	
Think – my thoughts or understanding at this time.	Pair – what I understand my partner is telling me.
Share – our common understanding after talk most important from our dialogue.	ring, what we can share with others or what was

Create a labeled drawing that represents what the alcohol molecules would do on the rod of the thermometer (this would be a highly magnified view).



Condensation and Energy

Data and Observation Sheet

Room temperature water Cold ice water What happened on the outside of each cup? THINK - PAIR - SHARE Based on your observations and thinking about water molecules and energy – explain your thoughts about what was happening with energy (and energy transfer) in both situations. My name: _____ Partner's name: _____ **Pair** – what I understand my partner is **Think** – my thoughts or understanding at this time. telling me. **Share** – our common understanding after talking, what we can share with others or what was most important from our dialogue. How would you complete the following statements? During evaporation energy leaves from _____ During evaporation energy goes to (or into)

During condensation energy leaves from _____

ATMOSPHERE Process Process What is going on with What is going on with energy? energy? **Process** What is happening to the What is happening to the water molecules? water molecules? **Ocean Surface**